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| 61796480 | DATA SHEET |
| Valid from: 16.08.2021 | Tube cable lugs KR/ KRT/ KRF |

Tube cable lug with inspection hole



Material:

Tin plated electrolytic copper (Cu/Sn4)

Technical Features:

Application

For stranded and multi-stranded Copper
conductors (class 2, 5, and 6)

Cross section

50 up to 240mm²

Mounting hole

Ø6 up to Ø16mm

Temperature range

+90°C
Processing temperature 110°C, max. +140°C

Additional Features:

Inspection hole

Max. 48kV

Application range

KR: For fine and multi-wire copper conductors (class 2 and 5) with a cross-sectional range of 0.75-10 mm²

KRT: For multi-wire copper conductors (class 2) with a cross-sectional range of 10 - 1000 mm²

KRF: For fine wire copper conductors (class 2, 5 and 6) with a cross-sectional range of 16-800 mm²

Certificates:



E205350



Reference Norm:

IEC 61238:1

SEN 245010

Suitable Tools:

V 1311-A Crimping tool

PVX 1300

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Technical drawing:



Dimension table:

| Article No. | Type | Screw hole \varnothing (mm) | UL Approval | L (mm) | d (mm) | W (mm) | N (mm) | N1 (mm) | Strip length (mm) | Thickness connection plate (mm) | Thickness tube (mm) | AWG | Pressing dies |
|-------------|-----------|-------------------------------|-------------|--------|--------|--------|--------|---------|-------------------|---------------------------------|---------------------|---------|---------------|
| KR | | | | | | | | | | | | | |
| 61796480 | KR 0,75/3 | 3 | nein | 16 | 1.3 | 6 | 3,2 | 3,8 | 7,5 | 0,8 | 0,75 | (22)-18 | |
| 61796490 | KR 0,75/4 | 4 | nein | 17 | 1.3 | 6 | 3,2 | 3,8 | 7,5 | 0,8 | 0,75 | (22)-18 | |
| 61796500 | KR 1,5/3 | 3 | ja | 16 | 1.8 | 6.5 | 3,4 | 3,6 | 7,5 | 1,0 | 0,75 | (18)-16 | |
| 61796510 | KR 1,5/4 | 4 | ja | 17 | 1.8 | 6.5 | 4,2 | 4,3 | 7,5 | 1,0 | 0,75 | (18)-16 | |
| 61796520 | KR 1,5/5 | 5 | ja | 18 | 1.8 | 7.5 | 4,8 | 4,7 | 7,5 | 0,8 | 0,75 | (18)-16 | |
| 61796530 | KR 2,5/3 | 3 | ja | 17 | 2.3 | 7.5 | 3,5 | 4,1 | 7 | 1,3 | 0,95 | (16)-14 | |
| 61796540 | KR 2,5/4 | 4 | ja | 18 | 2.3 | 7.5 | 4,2 | 4,1 | 7 | 1,3 | 0,95 | (16)-14 | |
| 61796550 | KR 2,5/5 | 5 | ja | 19 | 2.3 | 8.5 | 4.8 | 4,8 | 7 | 1,1 | 0,95 | (16)-14 | |
| 61796560 | KR 2,5/6 | 6 | ja | 19 | 2.3 | 8.5 | 5,1 | 4,9 | 7 | 1,1 | 0,95 | (16)-14 | |
| 61796570 | KR 4/4 | 4 | ja | 21 | 3 | 8.5 | 4,2 | 5,8 | 8,5 | 1,5 | 1 | 12 | |
| 61796580 | KR 4/5 | 5 | ja | 22 | 3 | 9 | 4,8 | 5,2 | 8,5 | 1,5 | 1 | 12 | |
| 61796590 | KR 4/6 | 6 | ja | 23 | 3 | 10 | 5,0 | 7,0 | 8,5 | 1,4 | 1 | 12 | |
| 61796600 | KR 6/4 | 4 | ja | 22 | 4 | 9.5 | 4,0 | 7,0 | 8,5 | 1,7 | 1 | 10 | |
| 61796610 | KR 6/5 | 5 | ja | 22 | 4 | 9.5 | 5,0 | 6,0 | 8,5 | 1,7 | 1 | 10 | |
| 61796620 | KR 6/6 | 6 | ja | 23 | 4 | 10 | 5,5 | 6,5 | 8,5 | 1,6 | 1 | 10 | |
| 61796630 | KR 6/8 | 8 | ja | 30 | 4 | 13.5 | 7,0 | 10,0 | 8,5 | 1,2 | 1 | 10 | |
| 61796631 | KR 10/5 | 5 | ja | 29 | 5 | 11.5 | 6,0 | 7,0 | 11 | 3,0 | 1 | 8 | B7/B8 |
| 61796632 | KR 10/6 | 6 | ja | 29 | 5 | 11.5 | 6,0 | 7,0 | 11 | 3,0 | 1 | 8 | B7/B8 |
| 61796633 | KR 10/8 | 8 | ja | 33 | 5 | 13.5 | 7,5 | 9,0 | 11 | 2,2 | 1 | 8 | B7/B8 |
| KRT | | | | | | | | | | | | | |
| 61796640 | KRT 10/5 | 5 | ja | 29 | 4.5 | 10 | 6 | 8 | 12 | 2,5 | 1,25 | 8 | B7 |
| 61796650 | KRT 10/6 | 6 | ja | 29 | 4.5 | 10 | 6 | 8 | 12 | 2,5 | 1,25 | 8 | B7 |
| 61796660 | KRT 10/8 | 8 | ja | 34 | 4.5 | 13 | 8 | 11 | 12 | 1,8 | 1,25 | 8 | B7 |
| 61796670 | KRT 10/10 | 10 | ja | 34 | 4.5 | 16 | 8 | 10,5 | 12 | 1,5 | 1,25 | 8 | B7 |
| 61796680 | KRT 10/12 | 12 | ja | 41 | 4.5 | 19 | 10 | 14 | 13 | 1,2 | 1,25 | 8 | B7 |
| 61796690 | KRT 16/5 | 5 | ja | 34 | 5.5 | 12 | 6 | 8 | 15 | 3 | 1,5 | 6 | B8,5 |

For more information please see our current catalogue. Please do not hesitate to contact our laboratory if there are any questions regarding resistance against aggressive agents and special oil.

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| | | | | | | | | | | | | | |
|------------|------------|----|------|-----|------|----|-----|------|----|-----|------|-----|-------|
| 61796700 | KRT 16/6 | 6 | ja | 34 | 5.5 | 12 | 6 | 8 | 15 | 3 | 1,5 | 6 | B8,5 |
| 61796710 | KRT 16/8 | 8 | ja | 39 | 5.5 | 15 | 8 | 11 | 15 | 2,4 | 1,5 | 6 | B8,5 |
| 61796720 | KRT 16/10 | 10 | ja | 39 | 5.5 | 16 | 8 | 11 | 15 | 2,2 | 1,5 | 6 | B8,5 |
| 61796730 | KRT 16/12 | 12 | ja | 47 | 5.5 | 19 | 10 | 15 | 15 | 1,9 | 1,5 | 6 | B8,5 |
| 61796740 | KRT 25/6 | 6 | ja | 43 | 7 | 14 | 9 | 12 | 17 | 3 | 1,5 | 4 | B10 |
| 61796750 | KRT 25/8 | 8 | ja | 43 | 7 | 15 | 9 | 12 | 17 | 2,9 | 1,5 | 4 | B10 |
| 61796760 | KRT 25/10 | 10 | ja | 43 | 7 | 16 | 9 | 12 | 17 | 2,7 | 1,5 | 4 | B10 |
| 61796770 | KRT 25/12 | 12 | ja | 48 | 7 | 19 | 12 | 13 | 17 | 2,7 | 1,5 | 4 | B10 |
| 61796780 | KRT 35/6 | 6 | ja | 49 | 8.5 | 17 | 9,5 | 11,5 | 20 | 3,5 | 1,75 | 2 | B12 |
| 61796790 | KRT 35/8 | 8 | ja | 49 | 8.5 | 17 | 9,5 | 11,5 | 20 | 3,5 | 1,75 | 2 | B12 |
| 61796800 | KRT 35/10 | 10 | ja | 49 | 8.5 | 19 | 9,5 | 11,5 | 20 | 3,1 | 1,75 | 2 | B12 |
| 61796810 | KRT 35/12 | 12 | ja | 53 | 8.5 | 22 | 12 | 14 | 20 | 2,5 | 1,75 | 2 | B12 |
| 61796820 | KRT 50/6 | 6 | ja | 53 | 10 | 20 | 11 | 11 | 22 | 4 | 2 | 1/0 | B14 |
| 61796830 | KRT 50/8 | 8 | ja | 53 | 10 | 20 | 11 | 11 | 22 | 4 | 2 | 1/0 | B14 |
| 61796840 | KRT 50/10 | 10 | ja | 53 | 10 | 20 | 11 | 11 | 22 | 4 | 2 | 1/0 | B14 |
| 61796850 | KRT 50/12 | 12 | ja | 56 | 10 | 22 | 12 | 14 | 22 | 3,5 | 2 | 1/0 | B14 |
| 61796860 | KRT 70/8 | 8 | ja | 55 | 12 | 23 | 11 | 11 | 23 | 4 | 2 | 2/0 | B16 |
| 61796870 | KRT 70/10 | 10 | ja | 55 | 12 | 23 | 11 | 11 | 23 | 4 | 2 | 2/0 | B16 |
| 61796880 | KRT 70/12 | 12 | ja | 58 | 12 | 23 | 12 | 13 | 23 | 4 | 2 | 2/0 | B16 |
| 61796890 | KRT 95/8 | 8 | ja | 60 | 13.5 | 26 | 11 | 12 | 26 | 4,5 | 2,25 | 4/0 | B18 |
| 61796900 | KRT 95/10 | 10 | ja | 60 | 13.5 | 26 | 11 | 12 | 26 | 4,5 | 2,25 | 4/0 | B18 |
| 61796910 | KRT 95/12 | 12 | ja | 63 | 13.5 | 26 | 12 | 14 | 26 | 4,5 | 2,25 | 4/0 | B18 |
| 61796920 | KRT 95/16 | 16 | ja | 69 | 13.5 | 28 | 15 | 16 | 26 | 4 | 2,25 | 4/0 | B18 |
| 61796930 | KRT 120/10 | 10 | ja | 64 | 15 | 28 | 11 | 14 | 26 | 4 | 2 | 250 | B19 |
| 61796940 | KRT 120/12 | 12 | ja | 64 | 15 | 28 | 12 | 13 | 26 | 4 | 2 | 250 | B19 |
| 61796950 | KRT 120/16 | 16 | ja | 70 | 15 | 28 | 15 | 16 | 26 | 4 | 2 | 250 | B19 |
| 61796960 | KRT 150/12 | 12 | nein | 76 | 17 | 32 | 15 | 16 | 30 | 5 | 2,5 | 300 | B22 |
| 61796970 | KRT 150/16 | 16 | nein | 76 | 17 | 32 | 15 | 16 | 30 | 5 | 2,5 | 300 | B22 |
| 61796990 | KRT 185/12 | 12 | nein | 79 | 19 | 35 | 15 | 16 | 32 | 5 | 2,5 | 350 | 13B24 |
| 61797000 | KRT 185/16 | 16 | nein | 79 | 19 | 35 | 15 | 16 | 32 | 5 | 2,5 | 350 | 13B24 |
| 61797020 | KRT 240/12 | 12 | nein | 86 | 21 | 38 | 15 | 16 | 37 | 5 | 2,5 | 500 | 13B26 |
| 61797030 | KRT 240/16 | 16 | nein | 86 | 21 | 38 | 15 | 16 | 37 | 5 | 2,5 | 500 | 13B26 |
| 61797050 | KRT 300/16 | 16 | nein | 100 | 24 | 44 | 19 | 19 | 42 | 6 | 3 | 600 | 13B30 |
| 61797080 | KRT 400/20 | 20 | nein | 114 | 26 | 48 | 22 | 31 | 44 | 5.8 | 3 | 750 | 13B32 |
| KRF | | | | | | | | | | | | | |
| 61803020 | KRF 16/6 | 6 | ja | 34 | 6 | 13 | 8 | 9 | 11 | 2,9 | 1,5 | 6 | B9 |
| 61803030 | KRF 16/8 | 8 | ja | 34 | 6 | 13 | 8 | 9 | 11 | 2,9 | 1,5 | 6 | B9 |
| 61803040 | KRF 16/10 | 10 | ja | 38 | 6 | 16 | 10 | 11 | 11 | 2,2 | 1,5 | 6 | B9 |
| 61803050 | KRF 16/12 | 12 | ja | 47 | 6 | 22 | 12 | 13 | 15 | 2,4 | 1,5 | 6 | B9 |
| 61803060 | KRF 25/6 | 6 | ja | 39 | 8 | 16 | 8 | 10 | 13 | 2,9 | 1,5 | 4 | B11 |
| 61803070 | KRF 25/8 | 8 | ja | 39 | 8 | 16 | 8 | 10 | 13 | 2,9 | 1,5 | 4 | B11 |
| 61803080 | KRF 25/10 | 10 | ja | 42 | 8 | 17 | 10 | 11 | 13 | 2,7 | 1,5 | 4 | B11 |
| 61803090 | KRF 25/12 | 12 | ja | 47 | 8 | 22 | 12 | 13 | 15 | 2,1 | 1,5 | 4 | B11 |

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|----------|-------------|----|----|-----|------|----|----|----|----|-----|------|-----|-------|
| 61803110 | KRF 35/6 | 6 | ja | 47 | 9 | 18 | 10 | 11 | 16 | 3,9 | 2 | 2 | B13 |
| 61803120 | KRF 35/8 | 8 | ja | 47 | 9 | 18 | 10 | 11 | 16 | 3,9 | 2 | 2 | B13 |
| 61803130 | KRF 35/10 | 10 | ja | 47 | 9 | 18 | 10 | 11 | 16 | 3,9 | 2 | 2 | B13 |
| 61803140 | KRF 35/12 | 12 | ja | 52 | 9 | 22 | 12 | 14 | 16 | 3,2 | 2 | 2 | B13 |
| 61803160 | KRF 50/8 | 8 | ja | 50 | 11 | 21 | 11 | 12 | 19 | 3,4 | 1,75 | 1/0 | B14,5 |
| 61803170 | KRF 50/10 | 10 | ja | 50 | 11 | 21 | 11 | 12 | 19 | 3,4 | 1,75 | 1/0 | B14,5 |
| 61803180 | KRF 50/12 | 12 | ja | 53 | 11 | 21 | 12 | 14 | 19 | 3,4 | 1,75 | 1/0 | B14,5 |
| 61803190 | KRF 50/16 | 16 | ja | 59 | 11 | 27 | 15 | 17 | 19 | 2,7 | 1,75 | 1/0 | B14,5 |
| 61803200 | KRF 70/8 | 8 | ja | 55 | 13 | 25 | 11 | 12 | 22 | 3,9 | 2 | 2/0 | B17 |
| 61803210 | KRF 70/10 | 10 | ja | 55 | 13 | 25 | 11 | 12 | 22 | 3,9 | 2 | 2/0 | B17 |
| 61803220 | KRF 70/12 | 12 | ja | 58 | 13 | 25 | 12 | 14 | 22 | 3,9 | 2 | 2/0 | B17 |
| 61803230 | KRF 70/16 | 16 | ja | 64 | 13 | 28 | 15 | 17 | 22 | 3,2 | 2 | 2/0 | B17 |
| 61803240 | KRF 95/10 | 10 | ja | 69 | 15 | 29 | 15 | 17 | 25 | 4,9 | 2,5 | 4/0 | B20 |
| 61803250 | KRF 95/12 | 12 | ja | 69 | 15 | 29 | 15 | 17 | 25 | 4,9 | 2,5 | 4/0 | B20 |
| 61803260 | KRF 95/16 | 16 | ja | 69 | 15 | 29 | 15 | 17 | 25 | 4,9 | 2,5 | 4/0 | B20 |
| 61803270 | KRF 120/10 | 10 | ja | 73 | 17 | 32 | 15 | 17 | 27 | 4,9 | 2,5 | 250 | B22 |
| 61803280 | KRF 120/12 | 12 | ja | 73 | 17 | 32 | 15 | 17 | 27 | 4,9 | 2,5 | 250 | B22 |
| 61803290 | KRF 120/16 | 16 | ja | 73 | 17 | 32 | 15 | 17 | 27 | 4,9 | 2,5 | 250 | B22 |
| 61803300 | KRF 150/12 | 12 | ja | 80 | 19 | 36 | 15 | 16 | 32 | 5,9 | 3 | 300 | B25 |
| 61803310 | KRF 150/16 | 16 | ja | 80 | 19 | 36 | 15 | 16 | 32 | 5,9 | 3 | 300 | B25 |
| 61803330 | KRF 185/12 | 12 | ja | 86 | 21 | 39 | 15 | 16 | 37 | 5,9 | 3 | 350 | 13B27 |
| 61803340 | KRF 185/16 | 16 | ja | 86 | 21 | 39 | 15 | 16 | 37 | 5,9 | 3 | 350 | 13B27 |
| 61803350 | KRF 185/20 | 20 | ja | 93 | 21 | 39 | 19 | 19 | 37 | 5,9 | 3 | 350 | 13B27 |
| 61803360 | KRF 240A/12 | 12 | ja | 96 | 22.5 | 42 | 19 | 20 | 37 | 6,4 | 3,25 | 500 | 13B30 |
| 61803370 | KRF 240A/16 | 16 | ja | 96 | 22.5 | 42 | 19 | 20 | 37 | 6,4 | 3,25 | 500 | 13B30 |
| 61803380 | KRF 240A/20 | 20 | ja | 95 | 22.5 | 42 | 19 | 20 | 37 | 6,4 | 3,25 | 500 | 13B30 |
| 61803390 | KRF 300A/16 | 16 | ja | 99 | 24.5 | 46 | 20 | 20 | 40 | 6,8 | 3,5 | 600 | 13B32 |
| 61803400 | KRF 300A/20 | 20 | ja | 99 | 24.5 | 46 | 20 | 20 | 40 | 6,8 | 3,5 | 600 | 13B32 |
| 61803420 | KRF 400A/16 | 16 | ja | 111 | 30 | 56 | 20 | 20 | 52 | 7,8 | 4 | 750 | 13B38 |
| 61803430 | KRF 400A/20 | 20 | ja | 126 | 30 | 56 | 23 | 25 | 52 | 7,8 | 4 | 750 | 13B38 |
| 61803440 | KRF 400A/24 | 24 | ja | 118 | 30 | 56 | 23 | 25 | 52 | 7,8 | 4 | 750 | 13B38 |